A 8920-5
12/82

The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

355 Lexington Avenue
New York, New York 10017
(212) 573-9400

FOR THE MONTH AND PERIOD ENDED AUGUST, 1982

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

©1982 The Society of the Plastics Industry, Inc.
All rights reserved. No part of this publication may be reproduced in any form without permission from SPI.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS AS COMPILED BY ERNST & WHINNEY

1982 ISSUE NO. 8
RELEASE DATE: OCTOBER 15, 1982

The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

SPI

SECTION I

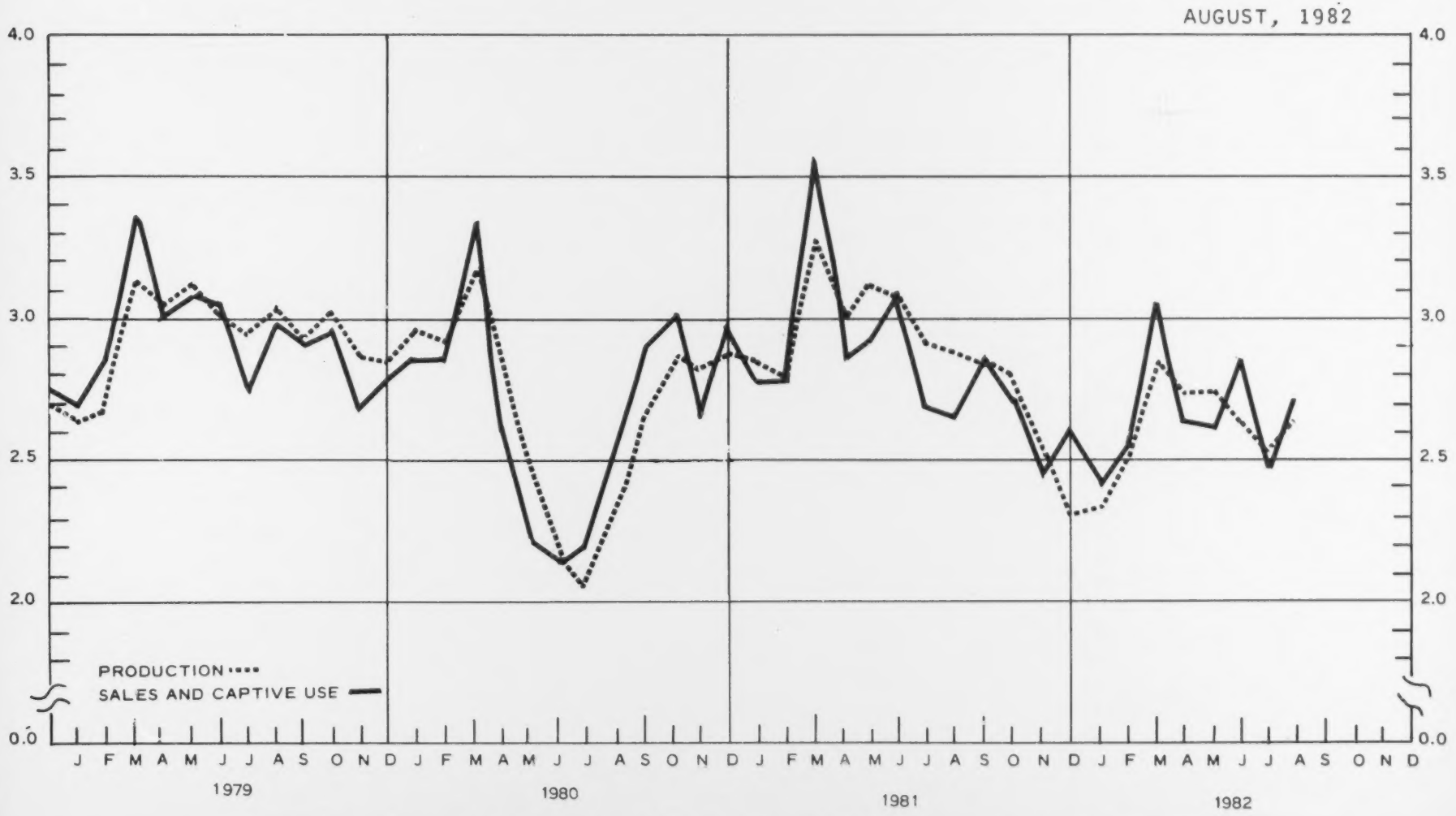
CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)


AUGUST, 1982
4.0
3.5
3.0
2.5
2.0
0.0
PRODUCTION ····
SALES AND CAPTIVE USE
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1979
1980
1981
1982

COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SPI

SECTION I

CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis) (1)

AUGUST 1982

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
EPOXY *(UNMODIFIED)* RESINS, TOTAL	25,206	26,951	-6.5	213,365R	229,619	-7.1	26,544	22,475	+18.1	196,710R	224,499	-12.4
POLYESTER *(UNSATURATED)* RESINS, TOTAL	73,114	85,048	-14.0	592,620R	688,306	-13.9	74,662	87,766	-14.9	596,089R	705,998	-15.6
UREA RESINS, TOTAL	80,382	96,431	-16.6	641,286R	804,613	-20.3	81,229	99,344	-18.2	656,519R	826,110	-20.5
MELAMINE RESINS, TOTAL	13,315	14,517	-8.3	104,284	122,617	-15.0	12,494	13,684	-8.7	105,998	125,282	-15.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	178,312	208,921	-14.7	1,346,368R	1,659,622	-18.9	170,908	207,746	-17.7	1,305,335R	1,631,406	-20.0
THERMOSETTING RESINS, TOTAL	370,329	431,868	-14.2	2,897,923R	3,504,777	-17.3	365,837	431,015	-15.1	2,860,651R	3,513,295	-18.6
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	643,954	545,877	+18.0	4,904,928	5,026,047	-2.4	618,383	637,413	-3.0	4,880,459	5,348,216	-8.7
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	423,195	365,434	+15.8	3,236,320	3.203.123	+1.0	396,366	403,590	-1.8	3,174,625	3,227,952	-1.7
POLYPROPYLENE, TOTAL	313,331	299,389	+4.7	2,422,551R	2,640,278	-8.2	278,952	339,406	-17.8	2,301,673	2,773,465	-17.0
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	66,897	72,192	-7.3	500,889	639,494	-21.7	75,644	73,060	+3.5	512,148	642,823	-20.3
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	6,459	9,152	-29.4	56,263R	71,691	-21.5	7,213	7,507	-3.9	66,972R	75,209	-11.0
POLYSTYRENE, TOTAL	281,157	280,030	+0.4	2,136,377R	2,386,704	-10.5	279,385	268,996	+3.9	2,112,775R	2,424,008	-12.8
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	43,601	53,284	-18.2	330,971	433,978	-23.7	45,998	57,966	-20.6	319,791	439,910	-27.3
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated*	2,032	2,930	-30.6	15,500	27,676	-44.0	1,513	2,823	-46.4	13,582	27,945	-51.4
OTHER STYRENE BASED POLYMERS, TOTAL *50% or more styrene*	11,246	13,633	-17.5	92,466R	109,191	-15.3	12,505	11,215	+11.5	90,092R	107,686	-16.3
NYLON RESINS, TOTAL	20,906	23,734	-11.9	182,531	201,653	-14.4	21,465	22,828	-6.0	160,948	217,281	-25.9
POLYVINYL CHLORIDE & COPOLYMERS- *(DRY RESIN CONTENT)*, TOTAL	414,764	419,609	-1.2	3,624,689R	4,001,184	-9.4	433,034	462,464	-6.4	3,547,503R	4,110,976	-13.7
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	50,348	52,579	-4.2	382,980R	444,493	-13.8	50,348*	52,579*	-4.2	382,980R*	444,493*	-13.8
POLYVINYL ALCOHOL, TOTAL												
OTHER VINYL RESINS, TOTAL	13,452	18,253	-26.3	115,524	132,222	-12.6	14,508	19,655	-26.2	122,754	139,689	-12.1
THERMOPLASTIC POLYESTER, TOTAL	46,491	49,208	-5.5	416,890	398,896	+4.5	50,104	46,611	+7.5	432,192	409,637	+5.5
THERMOPLASTIC RESINS, TOTAL	2,337,833	2,205,304	+6.0	18,408,879R	19,716,630	-6.6	2,285,418	2,406,111	-5.0	18,118,494R	20,389,290	-11.1
GRAND TOTAL	2,708,162	2,637,172	+2.7	21,306,802R	23,221,407	-8.2	2,651,255	2,837,126	-6.6	20,979,145R	23,902,585	-12.2

(1) *Except phenolic resins which are reported on a gross weight basis.*

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

\# = Polyvinyl Alcohol has been deleted on a temporary basis for disclosure reasons.

R = Revision

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use, Actual Production of PVAc is significantly higher than that shown here.*

SPI

SECTION I

CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In metric tons, dry weight basis) (1)

AUGUST 1982

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
EPOXY *(UNMODIFIED)* RESINS, TOTAL	11,433	12,225	-6.5	96,782R	104,154	-7.1	12,040	10,195	+18.1	89,227R	101,832	-12.4
POLYESTER *(UNSATURATED)* RESINS, TOTAL	33,164	38,578	-14.0	268,811R	312,214	-13.9	33,866	39,810	-14.9	270,384R	320,239	-15.6
UREA RESINS, TOTAL	36,461	43,741	-16.6	290,885R	364,970	-20.3	36,845	45,062	-18.2	297,795R	374,721	-20.5
MELAMINE RESINS, TOTAL	6,040	6,585	-8.3	47,303	55,619	-15.0	5,667	6,207	-8.7	48,080	56,828	-15.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	80,882	94,766	-14.7	610,709R	752,800	-18.9	77,523	94,233	-17.7	592,096R	740,001	-20.0
THERMOSETTING RESINS, TOTAL	167,980	195,895	-14.2	1,314,490R	1,589,757	-17.3	165,941	195,507	-15.1	1,297,582R	1,593,621	-18.6
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	292,096	247,608	+18.0	2,224,861	2,279,800	-2.4	280,497	289,129	-3.0	2,213,762	2,425,935	-8.7
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	191,960	165,760	+15.8	1,467,985	1,452,927	+1.0	179,790	183,067	-1.8	1,440,000	1,464,189	-1.7
POLYPROPYLENE, TOTAL	142,126	135,802	+4.7	1,098,862R	1,197,622	-8.2	126,532	153,954	-17.8	1,044,032	1,258,035	-17.0
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	30,344	32,746	-7.3	227,202	290,073	-21.7	34,312	33,140	+3.5	232,309	291,583	-20.3
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	2,930	4,151	-29.4	25,521R	32,519	-21.5	3,272	3,405	-3.9	30,378R	34,115	-11.0
POLYSTYRENE, TOTAL	127,532	127,021	+0.4	969,054R	1,082,602	-10.5	126,728	122,016	+3.9	958,348R	1,099,523	-12.8
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	19,777	24,169	-18.2	150,127	196,851	-23.7	20,865	26,293	-20.6	145,056	199,542	-27.3
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated*	922	1,329	-30.6	7,031	12,554	-44.0	686	1,281	-46.4	6,161	12,676	-51.4
OTHER STYRENE BASED POLYMERS, TOTAL *50% or more styrene*	5,101	6,184	-17.5	41,942R	49,529	-15.3	5,672	5,087	+11.5	40,865R	48,846	-16.3
NYLON RESINS, TOTAL	9,483	10,766	-11.9	78,260	91,469	-14.4	9,736	10,355	-6.0	73,006	98,558	-25.9
POLYVINYL CHLORIDE & COPOLYMERS- *(DRY RESIN CONTENT)*, TOTAL	188,136	190,333	-1.2	1,644,148R	1,814,925	-9.4	196,423	209,772	-6.4	1,609,137R	1,864,726	-13.7
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	22,838	23,850	-4.2	173,719R	201,621	-13.8	* 22,838	* 23,850	-4.2	* 173,719R	* 201,621	-13.8
POLYVINYL ALCOHOL, TOTAL												
OTHER VINYL RESINS, TOTAL	6,102	8,280	-26.3	52,401	59,976	-12.6	6,581	8,915	-26.2	55,681	63,363	-12.1
THERMOPLASTIC POLYESTER, TOTAL	21,088	22,321	-5.5	189,100	180,938	+4.5	22,727	21,143	+7.5	196,041	185,810	+5.5
THERMOPLASTIC RESINS, TOTAL	1,060,435	1,000,320	+6.0	8,350,213	8,943,406R	-6.6	1,036,659	1,091,407	-5.0	8,218,495R	9,248,522	-11.1
GRAND TOTAL	1,228,415	1,196,215	+2.7	9,664,703	10,533,163R	-8.2	1,202,600	1,286,914	-6.6	9,516,077R	10,842,143	-12.2

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

(1) *Except phenolic resins which are reported on a gross weight basis.*

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

R = Revision

= Polyvinyl Alcohol data has been deleted on a temporary basis for disclosure reasons.

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SPI

SECTION I

CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

AUGUST 1982

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
EPOXY *(UNMODIFIED)* RESINS, TOTAL	25,206	26,951	-6.5	213,365R	229,619	-7.1	26,544	22,475	+18.1	196,710R	224,499	-12.4
Total Exports	4,739	3,820	+24.1	28,586	25,073	+14.0						
Total Domestic	20,467	23,131	-11.5	184,779R	204,546	-9.7						
Bonding & Adhesives	978	1,395	-29.9	10,866	12,351	-12.0						
Flooring, Paving & Exposed Aggregate	1,277	1,213	+5.3	12,571	14,036	-10.4						
Protective Coatings	9,601	10,914	-12.0	86,146	99,123	-13.1						
Fiber Reinforced Laminates & Composites	4,736	5,750	-17.6	40,450R	45,118	-10.3						
Tooling, Casting & Molding Resins	1,649	2,158	-23.6	16,980R	20,255	-16.2						
All Other Uses	2,226	1,701	+30.9	17,766	13,663	+30.0						
POLYESTER *(UNSATURATED)* RESINS, TOTAL	73,114	85,048	-14.0	592,620R	688,306	-13.9	74,662	87,766	-14.9	596,089R	705,998	-15.6
Exports, Total	722	1,339	-46.1	6,059	7,969	-24.0						
Domestic, Total	72,392	83,709	-13.5	586,561R	680,337	-13.8						
General Purpose Resins, Total *	63,899	73,523	-13.1	516,888R	600,606	-13.9						
General Purpose – Thixotropic *	26,530	25,777	+2.9	230,508R	220,705	+4.4						
General Purpose – Press Molding *	8,338	14,122	-41.0	62,888	98,386	-36.1						
General Purpose – All Other *	29,031	33,624	-13.7	223,492R	281,515	-20.6						
Flame Retardant Resins *	1,543	2,631	-41.4	13,475	19,662	-31.5						
Chemical Resistant Resins *	6,950	8,894	-21.9	56,198R	68,038	-17.4						
Chemical Resistant Isophthalic Resins *	4,553	5,482	-16.9	38,133R	42,065	-9.3						
All Other Chemical Resistant Resins*	2,397	3,412	-29.7	18,065R	25,973	-30.4						
Reinforced Plastics, Total	52,301	66,921	-21.8	440,972R	538,082	-18.0						
Non-Reinforced Plastics, Total	20,091	16,788	+19.7	145,589R	142,255	+2.3						

* = Beginning in 1982 Exports are not included. In 1981 Exports were included.

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis) (1)

THERMOSETTING RESINS

AUGUST 1982

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
UREA RESINS, TOTAL	80,382	96,431	-16.6	641,286R	804,613	-20.3	81,229	99,344	-18.2	656,519R	826,110	-20.5
MELAMINE RESINS, TOTAL	13,315	14,517	-8.3	104,284	122,617	-15.0	12,494	13,684	-8.7	105,998	125,282	-15.4
UREA & MELAMINE RESINS, TOTAL	93,697	110,948	-15.5	745,570R	927,230	-19.6	93,723	113,028	-17.1	762,517R	951,392	-19.9
Total Exports	1,264	1,229	+2.8	11,296	18,029	-37.3						
Total Domestic	92,433	109,719	-15.8	734,274R	909,201	-19.2						
Textile Treating & Coating Resins	D	D		D	D		D	D		D	D	
Paper Treating & Coating Resins	6,233	6,443	-3.3	44,699R	51,390	-13.0	5,868	6,512	-9.9	45,329R	55,705	-18.6
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	69,513	83,664	-16.9	565,195	703,302	-19.6	69,898	84,953	-17.7	574,429	713,650	-19.5
Laminating	2,083	2,576	-19.1	18,412	22,985	-19.9	2,140	2,537	-15.6	18,990	23,732	-20.0
Plywood	5,159	6,196	-16.7	44,405	50,901	-12.8	5,074	6,292	-19.4	45,046	53,242	-15.4
Fibrous & Granulated Wood (Particle Board)	62,271	74,892	-16.9	502,378	629,416	-20.2	62,684	76,124	-17.7	510,393	636,676	-19.8
Protective Coatings *(Straight & Modified)*	5,825	5,865	-0.7	43,125	46,065	-6.4	6,083	6,331	-3.9	51,286	59,165	-13.3
All Other Uses *(Includes Textile Treating & Coating Resins* & Molding Compounds)	10,862	13,747	-21.0	81,255	108,444	-25.1	11,874	15,232	-22.0	91,473	122,872	-25.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	178,312	208,921	-14.7	1,346,368R	1,659,622	-18.9	170,908	207,746	-17.7	1,305,335R	1,631,406	-20.0
Total Exports	1,203	1,534	-21.6	11,253R	14,376	-21.7						
Total Domestic	177,109	207,387	-14.6	1,335,115R	1,645,246	-18.9						
Molding Compounds	15,158	21,258	-28.7	124,749	177,685	-29.8	14,182	24,971	-43.2	129,582	197,904	-34.5
Bonding & Adhesive Resins for:	158,773	180,433	-12.0	1,183,470R	1,419,086	-16.6	153,506	177,563	-13.5	1,147,290 R	1,382,090	-17.0
Laminating	10,092	11,139	-9.4	85,932	94,061	-8.6	8,597	10,674	-19.5	74,474	90,523	-17.7
Coated & Bonded Abrasives	1,799	3,252	-44.7	17,659	24,931	-29.2	2,124	3,794	-44.0	17,033	26,996	-36.9
Friction Materials	2,219	2,550	-13.0	17,999	19,794	-9.1	2,000	2,594	-22.9	18,021	20,086	-10.3
Insulation Materials	31,693	35,229	-10.0	217,520	243,429	-10.6	29,770	33,116	-10.1	205,626	229,986	-10.6
Foundry & Shell Molding	5,482	6,775	-19.1	44,683	55,264	-19.1	5,266	6,815	-22.7	44,819	55,352	-19.0
Plywood	89,520	97,360	-8.1	654,140	785,798	-16.8	87,767	97,098	-9.6	641,503	762,246	-15.8
Fibrous & Granulated Wood	12,152	17,596	-30.9	95,687	143,922	-33.5	11,430	16,210	-29.5	91,288	135,590	-32.7
Resins Sold to Rubber Industry	1,636	2,085	-21.5	14,835R	15,084	-1.7	1,649	2,100	-21.5	15,433R	16,188	-4.7
All Other	4,180	4,447	-6.0	35,015	36,803	-4.9	4,903	5,162	-5.0	39,093	45,123	-13.4
Protective Coatings – Unmodified & Modified	1,470	2,182	-32.6	12,112	18,274	-33.7	1,543	1,563	-1.3	12,941	19,482	-33.6
# Resins Sold to Rubber Industry, Non-Adhesive Uses	D	D		D	D		D	D		D	D	
All Other Uses #	1,708	3,514	-51.4	14,784	30,201	-51.0	1,677	3,649	-54.0	15,522	31,930	-51.4

(1) *Except phenolic resins which are reported on a gross weight basis.*

D = Disclosure

R = Revision

 # = Due to Disclosure Problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

AUGUST 1982

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	643,954	545,877	+18.0	4,904,928	5,026,047	-2.4	618,383	637,413	-3.0	4,880,459	5,348,216	-8.7
Total Exports	102,999	55,503	+85.6	743,739R	678,642	+9.6						
Total Domestic	540,955	490,374	+10.3	4,161,189R	4,347,405	-4.3						
Film *(12 Mils & Below)*	338,359	308,541	+9.7	2,570,737	2,720,467	-5.5						
Sheet *(Over 12 Mils)*	1,692	962	+75.9	13,722	9,877	+38.9						
Injection Molding	45,765	35,763	+28.0	318,026	345,626	-8.0						
Wire & Cable	22,903	27,406	-16.4	191,024	231,790	-17.6						
Extrusion Coating	41,707	45,110	-7.5	351,962	376,597	-6.5						
Blow Molding	4,307	3,668	+17.4	33,644	40,699	-17.3						
Pipe & Conduit	1,808	1,204	+50.2	19,328	16,710	+15.7						
Other Extruded Products	4,392	5,988	-26.7	33,502	42,507	-21.2						
All Other Uses	80,022	61,732	+29.6	629,244R	563,132	+11.7						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	423,195	365,434	+15.8	3,236,320	3,203,123	+1.0	396,366	403,590	-1.8	3,174,625	3,227,952	-1.7
Total Exports	57,821	27,604	+109.5	406,094R	295,732	+37.3						
Total Domestic	365,374	337,830	+8.2	2,830,226R	2,907,391	-2.7						
Film *(12 Mils & Below)*	22,989	23,118	-0.6	174,439	190,410	-8.4						
Sheet *(Over 12 Mils)*	5,360	2,802	+91.3	38,037	36,615	+3.9						
Injection Molding	83,657	81,493	+2.7	723,496	678,795	+6.6						
Wire & Cable	9,255	8,891	+4.1	76,566	69,129	+10.8						
Extrusion Coating	2,385	3,680	-35.2	15,755	22,178	-29.0						
Blow Molding	151,661	136,186	+11.4	1,135,095	1,169,236	-2.9						
Pipe & Conduit	36,321	27,661	+31.3	247,151R	305,456	-19.1						
Other Extruded Products	1,993	765	+160.5	17,703R	13,975	+26.7						
All Other Uses	51,753	53,234	-2.8	401,984R	421,597	-4.7						
POLYPROPYLENE, TOTAL	313,331	299,389	+4.7	2,422,551R	2,640,278	-8.2	278,952	339,406	-17.8	2,301,673	2,773,465	-17.0
Total Exports	52,015	34,257	+51.8	475,093R	429,538	+10.6						
Total Domestic	261,316	265,132	-1.4	1,947,458R	2,210,740	-11.9						
Injection Molding	92,541	107,338	-13.8	727,711R	864,952	-15.9						
Appliances	6,467	8,705	-25.7	48,422	64,881	-25.4						
Consumer Products	23,680	32,330	-26.8	189,001R	252,825	-25.2						
Rigid Packaging	26,107	21,660	+20.5	189,514R	180,277	+5.1						
Transportation	20,663	23,079	-10.5	149,034R	181,276	-17.8						
All Other Injection Molding	15,624	21,564	-27.5	151,740R	185,693	-18.3						
Blow Molding	6,117	2,658	+130.8	44,697	43,698	+2.3						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film *(10 Mils & Below)*	27,884	21,439	+30.1	196,229	209,008	-6.1						
Sheet *(Over 10 Mils)*	2,146	3,352	-36.0	12,847	22,790	-43.6						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	86,391	91,919	-6.0	577,667R	719,432	-19.7						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	8,947	7,889	-13.4	61,307	69,269	11.5						
All Other Uses	37,290	30,545	+22.1	327,000R	281,591	+16.1						

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure R = Revision

= Includes Ext. Coating, Wire & Cable, Pipe & Conduit

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

AUGUST 1982

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	66,897	72,192	-7.3	500,889	639,494	-21.7	75,644	73,060	+3.5	512,148	642,823	-20.3
Total Exports	6,238	4,185	+49.1	34,919	32,485	+7.5						
Total Domestic	60,659	68,007	-10.8	465,970	607,009	-23.2						
Electrical & Electronic Uses	14,203	16,291	-12.8	115,576	142,032	-18.6						
Pipe, Conduit & Fittings	11,231	13,161	-14.7	75,159	133,524	-43.7						
Transportation	15,012	15,784	-4.9	101,482	115,883	-12.4						
Consumer & Institutional	7,741	11,922	-35.1	71,733	90,286	-20.5						
All Other Uses	12,472	10,849	+15.0	102,020	125,284	-18.6						
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	6,459	9,152	-29.4	56,263R	71,691	-21.5	7,213	7,507	-3.9	66,972R	75,209	-11.0
Total Exports	340	1,209	-71.9	7,141	10,419	-31.5						
Total Domestic	6,119	7,943	-23.0	49,122R	61,272	-19.8						
POLYSTYRENE RESINS, TOTAL	281,157	280,030	+0.4	2,136,377R	2,386,704	-10.5	279,385	268,996	+3.9	2,112,775R	2,424,008	-12.8
Straight Polystyrene	144,148	140,187	+2.8	1,099,148R	1,178,953	-6.8	142,777	135,488	+5.4	1,097,752R	1,187,663	-7.6
Rubber-Modified Polystyrene	137,009	139,843	-2.0	1,037,229R	1,207,751	-14.1	136,608	133,508	+2.3	1,015,023R	1,236,345	-17.9
Exports, Total	9,132	12,986	-29.7	68,958	116,180	-40.6						
Straight Polystyrene	3,637	4,824	-24.6	35,774	54,154	-33.9						
Rubber-Modified Polystyrene	5,495	8,162	-32.7	33,184	62,026	-46.5						
Domestic, Total	272,025	267,044	+1.9	2,067,419R	2,270,524	-8.9						
Molding	118,162	130,024	-9.1	910,967R	1,074,765	-15.2						
Extrusion	92,233	86,907	+6.1	716,394R	747,736	-4.2						
Expandable Polystyrene Beads	39,619	32,145	+23.3	282,167	276,455	+2.1						
All Other Uses	22,011	17,968	+22.5	157,891	171,568	-8.0						
Polystyrene End Uses, Total **	272,025	267,044	+1.9	2,067,419R	2,270,524	-8.9						
Packaging	86,760	92,203	-5.9	691,201R	735,185	-6.0						
Consumer and Institutional Products	60,294	57,731	+4.4	430,618R	482,060	-10.7						
Electrical / Electronics	23,114	25,168	-8.2	185,545R	214,002	-13.3						
Furniture, Furnishings, Building and Construction	16,601	17,897	-7.2	117,625	120,178	-2.1						
Expandable Polystyrene Beads	39,619	32,145	+23.3	282,167	276,455	+2.1						
All Other End Uses	45,637	41,900	+8.9	360,263R	442,644	-18.6						

R = Revision

** = *Portions of the End Use Section are Estimated.*

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESINS STATISTICS (CRS)

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS — AUGUST 1982

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
STYRENE BUTADIENE LATEXES, TOTAL *carboxylated, 45% styrene content and over.*	43,601	53,284	-18.2	330,971	433,978	-23.7	45,998	57,966	-20.6	319,791	439,910	-27.3
OTHER STYRENE BASED, LATEXES, TOTAL *50% or more styrene including butadiene latexes not carboxylated.*	2,032	2,930	-30.6	15,500	27,676	-44.0	1,513	2,823	-46.4	13,582	27,945	-51.4
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL ***	45,633	56,214	-18.8	346,471	461,654	-25.0	47,511	60,789	-21.8	333,373	467,855	-28.7
Paper Treating	2,396	2,900	-17.4	16,481	23,598	-30.2						
Textile Treating	1,031	1,812	-43.1	9,158	20,078	-54.4						
Carpet Backing	19,833	21,770	-8.9	146,260	187,133	-21.8						
All Other Uses (Including Exports & Paper Coating)	22,373	29,732	-24.8	174,572	230,845	-24.4						
OTHER STYRENE BASED POLYMERS, TOTAL *50% or more styrene*	11,246	13,633	-17.5	92,466R	109,191	-15.3	12,505	11,215	+11.5	90,092R	107,686	-16.3
Export, Total	1,667	2,507	-33.5	17,458R	22,354	-21.9						
Domestic, Total	9,579	11,126	-13.9	75,008R	86,837	-13.6						
NYLON RESINS, TOTAL	20,906	23,734	-11.9	172,531	201,653	-14.4	21,465	22,828	-6.0	160,948	217,281	-25.9
Total Exports	1,221	1,146	+6.5	12,276	13,506	-9.1						
Total Domestic	19,685	22,588	-12.9	160,255	188,147	-14.8						
Injection Molding Grade	11,106	14,978	-25.9	97,362	125,651	-22.5						
Extrusion Grade	6,475	6,364	+1.7	48,292	52,091	-7.3						
Resellers and Compounders	1,742	945	+84.3	11,083	7,383	+50.1						
All Other Uses	362	301	+20.3	3,518	3,022	+16.4						

*** . *Old disclosure rules apply for Styrene Butadiene Section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials see the back of the cover of the report.*

R = Revision

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

AUGUST 1982

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
POLYVINYL CHLORIDE & COPOLYMERS *(Dry Resin Content)*, **TOTAL**	414,764	419,609	-1.2	3,624,689R	4,001,184	-9.4	433,034	462,464	-6.4	3,547,503R	4,110,976	-13.7
Homopolymer Resins including Blending and Latex	363,218	353,683	+2.7	3,200,724R	3,475,000	-7.9	384,159	394,482	-2.6	3,152,855R	3,560,716	-11.5
Copolymer Resins including Blending and Latex	22,466	28,815	-22.0	201,658R	244,013	-17.4	22,635	28,293	-20.0	182,952R	255,768	-28.5
Dispersion Resins	29,080	37,111	-21.6	222,307	282,171	-21.2	26,240	39,689	-33.9	211,696	294,492	-28.1
Total Exports	39,852	19,844	+100.8	391,319R	299,898	+30.5						
Total Domestic	374,912	399,765	-6.2	3,233,370R	3,701,286	-12.6						
Calendering, Total	49,905	50,291	-0.8	391,267R	445,267	-12.1						
Flooring	11,687	11,888	-1.7	95,759R	96,093	-0.3						
Textile	4,531	4,852	-6.6	38,174R	46,515	-17.9						
All Other Calendering Uses	33,687	33,551	+0.4	257,334R	302,659	-15.0						
Coating, Total	23,713	25,480	-6.9	173,603R	223,637	-22.4						
Flooring	8,510	9,641	-11.7	59,985	89,828	-33.2						
Textile & Paper Coating	8,314	8,392	-0.9	59,171	69,531	-14.9						
Protective Coatings	2,739	3,464	-20.9	25,939	28,531	-9.1						
Adhesives & All Other Coating Uses	4,150	3,983	+4.2	28,508R	35,747	-20.3						
Extrusion, Total	239,183	237,235	+0.8	2,096,571R	2,293,122	-8.6						
Wire & Cable	25,412	29,767	-14.6	212,139R	249,056	-14.8						
Film & Sheet	19,611	23,408	-16.2	203,829R	196,853	+3.5						
Rigid Pipe & Tubing *(Except Fittings)*	134,467	146,822	-8.4	1,343,989R	1,519,872	-11.6						
All Other Extrusions	59,693	37,238	+60.3	336,614R	327,341	+2.8						
Molding, Total	25,325	29,689	-14.7	220,919R	260,338	-15.1						
Bottles	7,315	7,954	-8.0	60,522R	68,116	-11.1						
Sound Records	6,773	8,558	-20.9	66,834	64,323	+3.9						
Fittings *(Rigid Pipe & Tubing)*	7,361	7,919	-7.0	62,782R	73,287	-14.3						
All Other Molding	3,876	5,258	-26.3	30,781R	54,612	-43.6						
Paste Processes *(Except Coating)*	13,249	15,926	-16.8	113,542	123,543	-8.1						
Plastisol Formulation	6,552	9,305	-29.6	53,275	69,911	-23.8						
All Other	6,697	6,621	+1.1	60,267	53,632	+12.4						
Resellers	8,096	13,437	-39.7	93,677R	93,025	+0.7						
All Other Uses	15,441	27,707	-44.3	143,791R	262,354	-45.2						

* = Comparable

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

AUGUST 1982

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	50.348	52,579	-4.2	382,980R	444,493	-13.8						
Total Exports	469	1,164	-59.7	4,000	9,787	-59.1						
Total Domestic	49,879	51,415	-3.0	378,980R	434,706	-12.8						
Emulsion Paints	14,059	15,184	-7.4	111,325R	126,210	-11.8						
Adhesives, Caulks and Sealants	20,769	21,664	-4.1	157,241R	181,035	-13.1						
Paper Treating & Paper Coating	8,924	7,119	+25.4	62,363	57,837	+7.8						
Textile Treating	1,575	2,003	-21.4	12,399R	20,074	-38.2						
Non-Woven Binders	2,285	2,127	+7.4	17,442	20,694	-15.7						
All Other Uses	2,267	3,318	-31.7	18,210	28,856	-36.9						
POLYVINYL ALCOHOL, TOTAL #												
Total Exports												
Total Domestic												
OTHER VINYL RESINS*, TOTAL	13,452	18,253	-26.3	115,524	132,222	-12.6	14,508	19,653	-26.2	122,754	139,689	-12.1
Total Exports	3,162	3,342	-5.4	25,322	24,268	+4.3						
Total Domestic	10,290	14,911	-31.0	90,202	107,954	-16.4						
**Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride.*												
THERMOPLASTIC POLYESTER, TOTAL	46,491	49,208	-5.5	416,890	398,896	+4.5	50,104	46,611	+7.5	432,192	409,637	+5.5
Total Exports	3,094	2,736	+13.1	29,402	25,726	+14.3						
Total Domestic	43,397	46,472	-6.6	387,488	373,170	+3.8						
PET Bottle Grades	33,796	39,145	n.c.	308,114	318,358	n.c.						
All Other Thermoplastic Polyester**	9,601	7,327	n.c.	79,374	54,812	n.c.						

** Includes All Other PET and All Injection Molding Grades.

\# = Polyvinyl data has been deleted on a temporary basis for disclosure reasons.

n.c.= Not comparable due to a change in reporting in 1982.

R = Revision.

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)